What is claimed is:

1. A high speed display processing system for simulating in advance at a high speed on a server side only display data which can be visually recognized as a server-side visual simulation, comprising:

a display data extraction unit extracting each display data element of a display data set in a system for a long-haul transmission of the display data set from a server to a client;

a higher display data subset extraction unit checking an overlap state between the display data elements, and extracting a portion of a higher display data element whose overlap state is to be displayed when the overlap state is detected;

a calculation unit compressing or expanding the higher display data element corresponding to a significant size and resolution of a display device of the client, and calculating in advance coordinates of a two-dimensional display image of each display data element;

a storage unit storing only visually recognized display data extracted using each of

said units or composed by a calculation; and

a transmission unit transmitting the composite display data read by said recognition unit to the client.

2. A display processing apparatus which converts generated original image data and transmits the converted data to a display device, comprising:

an extraction unit extracting only a display result to be displayed on the display device as display data from the original image data; and

a transmission unit transmitting the display data to the display device.

3. The apparatus according to claim 2, wherein

said display data is roughly visualized from the original image data.

4. The apparatus according to claim 2, wherein

said extraction unit extracts data of three-dimensional graphics as the display data to be displayed on the display device in the three-dimensional graphics in the original image data.

5. The apparatus according to claim 2, wherein

said extraction unit divides the original image data into a plurality of areas, and allows a plurality of independent process units to process the areas, thereby performing extracting processes in parallel.

6. A storage medium storing a program used to direct a computer to convert generated original image data and transmit the converted data to a display device, comprising the steps of:

extracting step only a display result to be displayed on the display device as display data from the original image data; and

transmitting step the display data to the display device

7. The storage medium according to claim 6, wherein

said display data is roughly visualized from the original image data.

8. The storage medium according to claim 6, wherein

said extracting step extracts data of three-dimensional graphics as the display data to be

displayed on the display device in the three-dimensional graphics in the original image data.

9. The storage medium according to claim 6, wherein

said extracting step divides the original image data into a plurality of areas, and allows a plurality of independent process units to process the areas, thereby performing extracting processes in parallel.

10. A display processing method for converting generated original image data and transmits the converted data to a display device, comprising the steps of:

extracting only a display result to be displayed on the display device as display data from the original image data; and

transmitting the display data to the display device.

11. The display processing method according to claim 10, wherein

said display data is roughly visualized from the original image data.

12. The display processing method according to claim 10, wherein

said extracting step extracts data of three-dimensional graphics as the display data to be displayed on the display device in the three-dimensional graphics in the original image data.

13. The display processing method according to claim 10, wherein

said extracting step divides the original image data into a plurality of areas, and allows a plurality of independent process units to process the areas, thereby performing extracting processes in parallel.